HPE Networking 720H Series Hospitality Access Points

HPE Networking AP-725H (RW) 3-radio 2x2 802.11be Wi-Fi 7 1+4 ETH Hospitality AP (S6Q89A)



What's new

- High performance Wi-Fi 7 APs ideal for hospitality, branch, and teleworker deployments
- The AP-723H dual platform access point supports either HPE Aruba Networking Central or HPE Mist, offering choice and flexibility to enable AI-powered, self-driving networks.
- Three different AP models allow customers to choose based on features, capabilities, and budget

Overview

The HPE Networking 720H Series Hospitality Access Points offer a cost-effective solution to address the demand for fast, secure, high performance connectivity in hospitality and small branch/office work environments. Leveraging the Wi-Fi 7 standard, these access points (APs) help meet the increasing demands of bandwidth-hungry video, growing numbers of client and IoT devices, and cloud services growth.

The 720H series includes our first-ever dual platform AP supporting both HPE Aruba Networking Central and HPE Mist on the same hardware, enabling enterprises to upgrade to Wi-Fi 7 with confidence while leveraging the AI-powered management and self-driving network capabilities of HPE Networking.

- IoTready with Bluetooth 5 and Zigbee support featuring builtin dual concurrent BLE/Zigbee radios
- Slim design to fit into existing wall plate mounts for the hospitality environments

The flexible compact form factor of the 720H series includes multigigabit and gigabit ports, PoE support, and integrated Bluetooth Low Energy (BLE) and Zigbee, providing a range of connectivity options ideal for venues such as hotels, residence halls, and remote offices.

Features

High Performance Wi-Fi 7

Three 2x2 MIMO radios provide comprehensive triband coverage across 2.4 GHz, 5 GHz, and 6 GHz for up to 9 Gbps maximum aggregate data rate.

HPE Networking 720H Series Hospitality Access Points are fully Wi-Fi CERTIFIED®, meeting all requirements for greater efficiency including OFDMA, MUMIMO, and target wake time (TWT), reducing power demands and lowering the energy footprint to align with sustainability initiatives.

ClientMatch technology removes sticky client issues by steering a client to the AP where it receives one of the best radio signal and air slice that provides service level agreement-grade performance for latency-sensitive, high-bandwidth, and IoT services.

Multiple wired ports provide low latency, high performance connectivity for a variety of in-room or on-site, internet-enabled devices.

Dual Platform and Self-driving Capabilities

The HPE Networking 720H Series Hospitality Access Points include the first-ever dual platform AP, the AP-723H model, which supports both HPE Aruba Networking Central and HPE Mist on the same hardware.

Intelligent automation, AI insights, and unified infrastructure management, provided by HPE Aruba Networking Central and HPE Mist, enhance wireless performance and help drive efficient IT operations everywhere–in the cloud, on-premises, or as a service.

Dual platform capabilities provide flexibility and choice as customers can choose the operating system and management platform that best meet their individual needs.

Simplified Access with Enhanced Security

The HPE Networking 720H Series Hospitality Access Points offer enhanced security with dynamic segmentation to reduce the time-consuming and error-prone task of managing complex and static VLANs, ACLs, and subnets by dynamically assigning policies and keeping traffic secure and separated.

The 720H series improves network protection with WPA3 and Enhanced Open (OWE) for stronger encryption, authentication, and secure credentials for guest access.

To simplify policy enforcement, the 720H series uses the policy enforcement firewall (PEF) to encapsulate all traffic from the AP to the gateway (or mobility controller) for end-to-end encryption and inspection.

For enhanced device assurance, the 720H series includes an installed TPM for secure storage of credentials, keys, and boot code.

Enhanced IoT Support

HPE Networking 720H Series Hospitality Access Points include an integrated Bluetooth 5 and 802.15.4 radio for Zigbee support to simplify deploying and managing IoT-based location services, asset tracking services, security solutions, and IoT sensors.

Target wake time (TWT) establishes a schedule for when clients need to communicate with an access point to help improve client power savings and reduce airtime contention with other clients.

Advanced IoT coexistence (AIC) feature uses built-in filtering to allow Wi-Fi and BLE/Zigbee radios to operate at maximum capacity without the impact of interference.

Intelligent power monitoring (IPM) continuously monitors and reports AP energy usage. This feature can be configured to enable or disable capabilities based on available PoE power.

Dual PoE out support allows the AP to directly power IoT devices, mitigating the need for additional power outlets or extra cabling.

Technical specifications	HPE Networking AP-725H (RW) 3-radio 2x2 802.11be Wi-Fi 7 1+4 ETH Hospitality AP
Product Number	S6Q89A
Deployment	Hospitality Indoor Small business
Wi-Fi generation	Wi-Fi 7 (802.11be)
Wi-Fi radios	2x2: 2.4 GHz, 2x2: 5 GHz, or 2.4 GHz, 2x2: 6 GHz (AP-721H) 2x2: 2.4 GHz, 2x2: 5 GHz, and 2x2: 6 GHz (AP-723H and AP-725H)
Radio configuration options	2.4 GHz + 5 GHz + 6 GHz
Max bandwidths and peak data rate per band	20/40 (2.4 GHz), 20/40/80/160 (5 GHz), 20/40/80/160/320 (6 GHz), and maximum peak data rate 9.3 Gbps
Wi-Fi antenna	Internal
Ultra tri-band (UTB) filtering	No
IoT support	802.15.4 (Zigbee), BLE 5.4 (AP-721H) 802.15.4 (Zigbee), BLE 5.4, USB 2.0 Type A (AP-723H and AP-725H)
Integrated sensor	No
Location services	802.11 FTM support
Cellular support	No
Wired network interface	1x 5GbE up and 4x 1GbE down
MACsec support	No
Ports	DC, Ethernet, console, reset, USB
AP management	Cloud On-premises Software as a Service
Certifications	UL2043 plenum rating Wi-Fi Alliance® - Wi-Fi CERTIFIED® a, b, g, n, ac, 6, 7 - WPA2 and WPA3 (Enterprise, Personal), Enhanced Open (OWE) - WMM, W-Fi agile multiband Bluetooth SIG Ethernet Alliance (PoE, PD device, Class 6)
Regulatory	FCC/ISED CE marked Low Voltage Directive 2014/35/EU UL/IEC/EN 62368-1, EN60601-1-2

Technical specifications	HPE Networking AP-725H (RW) 3-radio 2x2 802.11be Wi-Fi 7 1+4 ETH Hospitality AP
Warranty	Limited lifetime warranty. See the warranty duration.
Shipping weight	1.13 kg
Shipping dimensions	19.56 x 15.24 x 5.59 cm

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